

STN 2 Gas, Japio Inspec

(FILE 'HOME' ENTERED AT 15:43:30 ON 21 DEC 2001)

FILE 'CA' ENTERED AT 15:44:00 ON 21 DEC 2001

L1 23 S HARD? (3A) MASK? AND LOW (3A) DIELECTRIC? AND (?ETCH? OR PATTERN?
L2 9 S L1 AND (RESIST# OR PHOTORESIST# MASK# OR PHOTOMASK#)
L3 23 S L1 AND (RESIST# OR PHOTORESIST# OR MASK# OR PHOTOMASK#)
L4 6 S L3 AND (N2 OR NITROGEN? OR N(3W)2 OR INERT (3A) GAS?)
L5 12 S L3 AND (O2 OR O(3W)2 OR O(3W)3 OR O3 OR CO OR CO2 OR SO2 OR C
L6 12 S L4 OR L5
L7 23 S L3 OR L6
SAVE MASKL7/A L7

FILE 'JAPIO' ENTERED AT 15:51:06 ON 21 DEC 2001

L3 1 S L7

FILE 'INSPEC' ENTERED AT 15:51:41 ON 21 DEC 2001

L9 17 S L7

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STN 811SPAT

(FILE 'USPATFULL' ENTERED AT 15:53:20 ON 21 DEC 2001)

DEL HIS

L1 100 S HARD?(3A)MASK?(P)LOW(3A)DIELECTRIC?(P)(?ETCH? OR PATTERN? OR P
L2 27 S L1(P)(PESIST# OR PHOTOPESIST# MASK# OR PHOTOMASK#)
L3 100 S L1(P)(PESIST# OR PHOTOPESIST# OR MASK# OR PHOTOMASK#)
L4 14 S L3(P)(N2 OR NITROGEN? OR N(3W)2 OR INERT(3A)GAS?)
L5 68 S L3(P)(O2 OR O(3W)2 OR O(3W)3 OR O3 OR CO OR CO2 OR SO2 OR CLO
L6 100 S L3 OR L4 OR L5
L7 30 S L3(P)(CF# OR SIF# OR NF# OR CHF# OR F OR F2 OR HF OR FREON# O
L8 100 S L6 OR L7
L9 14 S L4 AND L8
L10 13 S L6(P)ANISOTROPIC?
L11 2 S L9 AND L10
L12 11 S L10 NOT L11
L13 12 S L9 NOT (L10 OR L11)
L14 75 S L8 NOT (L9 OR L10 OR L11)
L15 47 S L5 AND L14
L16 15 S L7 AND L15
L17 60 S L14 NOT L16
L18 2 S L7 AND L17
L19 58 S L17 NOT L18
L20 0 S L7 AND L19
L21 32 S L19 AND L5
L22 16 S L19 NOT L21
L23 58 S L8(P)(PESIST OR PHOTOPESIST)
L24 12 S L22 AND L23
DEL CLEANL17/A
DEL CLEANL18/A
SAVE MASKL8/A L8
L25 40412 S MASK#(P)(PHOTOMASK? OR PESIST# OR PHOTOPESIST#)
L26 28462 S L25(P)(?ETCH? OR PATTERN? OR PATTERN? REMOV?)
L27 0 S L26(P)(LOW(3A)DIELECTRIC?)
L28 157 S L26(P)(LOW(3A)DIELECTRIC?)
L29 22 S L28(P)(N2 OR N(3W)2 OR NITROGEN? OR INERT(3A)GAS?)
L30 1 S L29(P)ANISOTROPIC?
L31 10 S L29(P)(O2 OR O3 OR CO OR CO2 OR NO OR NO2 OR N2O3 OR N2O5 OR
L32 11 S L29(P)OXID?
L33 9 S L29(P)(?FLUOP? OR BF# OR CF# OR CHF# OR CH2F2 OR CH3F OR SIF#
L34 0 S L29(P)(FREON# OR FLON#)
L35 22 S L29 OR L30 OR L31 OR L32 OR L33 OR L34
L36 10 S L35 NOT L8
L37 276388 S MASK# OR PHOTOMASK? OR PESIST# OR PHOTOPESIST#
L38 67734 S L37(P)(?ETCH? OR PATTERN? OR PATTERN? REMOV?)
L39 1 S L38(P)(LOW(3A)DIELECTRIC?)
L40 1 S L38(P)(LOW(3A)DIELECTRIC?)
L41 448 S L38(P)(LOW(3A)DIELECTRIC?)
L42 49 S L41(P)(N2 OR N(3W)2 OR NITROGEN? OR INERT(3A)GAS?)
L43 24 S L42(P)(O2 OR O3 OR CO OR CO2 OR NO OR NO2 OR N2O3 OR N2O5 OR
L44 14 S L43(P)(?FLUOP? OR BF# OR CF# OR CHF# OR CH2F2 OR CH3F OR SIF#
L45 2 S L43(P)ANISOTROPIC?
L46 18 S L43(P)OXID?
L47 42 S L42 OR L43 OR L44 OR L45 OR L46
L48 19 S L47 NOT (L8 OR L35)

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ST No Cas Japio, Inspec

(FILE 'CA' ENTERED AT 16:30:55 ON 21 DEC 2001)

DEL HIS

ACTIVATE MASKL7/A

L1 (23)SEA FILE=CA HARD?(3A)MASK? AND LOW(3A)DIELECTRIC? AND (?ETCH? O
L2 (23)SEA FILE=CA L1 AND (RESIST# OR PHOTORESIST# OR MASK# OR PHOTOMA
L3 (6)SEA FILE=CA L2 AND (N2 OR NITROGEN? OR N(3W)2 OR INERT(3A)GAS?)
L4 (12)SEA FILE=CA L2 AND (O2 OR O(3W)2 OR O(3W)3 OR O3 OR CO OR CO2 O
L5 (12)SEA FILE=CA L3 OR L4
L6 23 SEA FILE=CA L2 OR L5

L7 53027 S (PHOTOMASK# OR RESIST# OR PHOTORESIST# OR MASK#) AND (?ETCH?
L8 92 S L7 AND LOW(3A)DIELECTRIC?
L9 69 S L8 NOT L6
L10 17 S L9 AND (N2 OR N(3W)2 OR NITROGEN? OR INERT?(3A)GAS?)
L11 16 S L10 AND (O2 OR O3 OR NO OR SO OR SO2 OR CLO OR CLO2 OR NO2 OR
L12 7 S L10 AND (CF# OR FREON# OR FLON# OR ?FLUOR? OR SF# OR NF# OR H
L13 17 S L10 OR L11 OR L12

FILE 'JAPIO' ENTERED AT 16:35:12 ON 21 DEC 2001

L14 4 S L13

FILE 'INSPEC' ENTERED AT 16:36:29 ON 21 DEC 2001

L15 3 S L13

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